

## REMARKS

Claims 1-5 are rejected under 35 U.S.C. 102(e) as being anticipated by O'Connor et al., (U.S. Patent No. 5,838,306).

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Response to the Office action identified in the above is listed below.

### 1. Amendments to the claims:

10 Claim 1 is amended by replacing "image data" in the input panel clause with "handwriting input", also by replacing "image data" in the wherein clause with "handwriting input".

15 No new matter is introduced in the above claim amendments, which are fully supported by pages four and five of the written description as filed. Reconsideration of the amended claims 1, and the dependent claims 2 through 5 is hereby requested.

### 2. Rejection of claim 1:

20 O'Connor shows a pointing device (in Fig.1 and in Col.3 lines 42-44):

a housing (in Fig.1);

a displacement signal generator (element 111 in Fig.1 and in Col.3 lines 50-54);

25 an input panel installed on the housing for inputting image data (element 113 and in Col.4 lines 15-17);

wherein the image data inputted to the input panel will be transmitted to a computer to perform an identification process (in Col.5 lines 30-40).

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### Response:

The applicant intends to point out the difference between the amended claim 1 of the present application and the disclosures of O'Connor et al. The amended claim 1 of the present application is repeated below:

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1. (Currently Amended): A pointing device comprising:  
a housing;  
a displacement signal generator installed in the housing  
for generating displacement signals; and  
5 an input panel installed on the housing **for inputting  
handwriting input;**  
wherein **the handwriting input inputted to the input panel**  
will be transmitted to a computer to perform an  
identification process.

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As disclosed in the amended claim 1, the input panel installed  
on the housing is used **for inputting handwriting input**, and  
**the handwriting input inputted to the input panel** will be  
transmitted to a computer to perform an identification process.  
15 The limitation finds support in the specification in "The  
pointing device 100 has a housing 102, a displacement sensor  
device 104 on the housing 102, **an input panel 106 on the housing  
102 for handwriting input** or inputting image data, and at least  
a button 108 also on the housing 102 for generating button  
20 signals. The pointing device 100 is electrically connected  
to a computer device 112 to input pointing signals generated  
by the pointing device 100, **handwriting input by the user via  
the pointing device 100**, and image data from the pointing device  
100." (Page 4 lines 29-32, Page 5 lines 1-6), also in "In contrast  
25 to the prior art, the present invention pointing device provides  
an input panel, so a user can use the input panel for signatures,  
**handwriting data**, or image data directly. The signature  
identification of the customer ensures the security of  
electronic transactions. Inputting handwriting data and image  
30 data in this way expands the application range of the pointing  
device." (Page 6 lines 7-13)

O'Connor et al. do not teach the input panel for inputting  
handwriting input, the handwriting input inputted to the input  
35 panel being transmitted to a computer to perform an  
identification process. As mentioned by the examiner, O'Connor

discloses an input panel for inputting image data, and more specifically, "In Fig.2, a **fingerprint image** 203, representative of a fingerprint as may be applied to the areas 111 or 113, is shown impressed upon an area 201." (element 5 113 in Fig.1 and in Col.4 lines 16-18), but does not teach that the input panel is used for inputting handwriting input. The applicant therefore believes that the disclosures of O'Connor et al. do not teach all of the limitations in the amended claim 1, which is required to sustain a rejection under 10 35 U.S.C. 102. Reconsideration of the amended claim 1 is therefore politely requested.

**3. Rejection of claim 2:**

O'Connor shows the pointing device being a mouse (in Fig.1 15 and in Col.3 lines 42-43).

**Response:**

Claim 2 is dependent on claim 1 and should be allowable if claim 1 is allowed. Reconsideration of claim 2 is politely 20 requested.

**4. Rejection of claim 3:**

O'Connor shows the displacement signal generator having a roller installed at bottom of the housing for generating 25 displacement signals (in Col.3 lines 42-53).

**Response:**

Claim 3 is dependent on claim 1 and should be allowable if claim 1 is allowed. Reconsideration of claim 3 is politely 30 requested.

**5. Rejection of claim 4:**

O'Connor shows the displacement signal generator having a trackball installed at a top end of the housing for generating 35 displacement signals (in Col.3 lines 51-54, element 111 acts as a pointer finger to input manipulation and control selection

from a user to move cursor or menu on a screen).

**Response:**

Claim 4 is dependent on claim 1 and should be allowable if  
5 claim 1 is allowed. Reconsideration of claim 4 is politely  
requested.

**6. Rejection of claim 5:**

O'Connor shows a button installed on the housing for  
10 generating button signals (in Fig.1 element 107 and 109 as  
a actuation switches and in Col.3 lines 47-48).

**Response:**

Claim 5 is dependent on claim 1 and should be allowable if  
15 claim 1 is allowed. Reconsideration of claim 5 is politely  
requested.

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Sincerely yours,

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